

### Abstract

The present invention relates to a synergistic pharmaceutical composition useful for the treatment of hyperlipidemia, said composition comprising extracts of plant *Gentiana kurroo* of concentration ranging between 2-5 wt. %, *Murraya koenigii* of concentration ranging between 8-15wt %, *Allium sativum* of concentration ranging between 2-4 wt %, *Zingiber officinalis* of concentration ranging between 2-5wt %, *Amorphophallus campanulatus* of concentration ranging between 1-10%, and pharmaceutically acceptable additive(s); a process for the preparation of the said synergistic pharmaceutical composition; and also, a use of the said composition for treating hyperlipidemia, atherosclerosis, and obesity.